

Title (en)
ARTIFICIAL TURF AND METHOD FOR PRODUCING A TURF OF THIS TYPE

Title (de)
KUNSTRASEN UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN RASENS

Title (fr)
GAZON ARTIFICIEL ET PROCÉDÉ DE PRODUCTION ASSOCIÉ

Publication
EP 2122058 B1 20170823 (EN)

Application
EP 07856872 A 20071219

Priority
• EP 2007011149 W 20071219
• BE 200600644 A 20061222

Abstract (en)
[origin: WO2008077544A1] The present invention relates to an artificial turf (1) and a method for producing an artificial turf (1) comprising a ground fabric made from synthetic ground warp yarns and synthetic weft yarns and a number of plastic blades of grass (2) protruding from the ground fabric in the shape of pile burls which succeed one another in the warp direction and which each comprise two pile legs (2a), in which at least three and at most nine weft yarns (3) are inserted between two successive pile legs (2a). In particular, each pile leg (2a) is tied up around a different weft yarn (3) which are both situated between the two pile legs. As the distance between the two pile legs of a pile burl is only half that of the distance between the pile legs during tufting, the material consumption in terms of plastic grass blade yarn will be greatly reduced. In addition, artificial turf (1) of this type has the advantage that the pile burls and in particular the plastic blades of grass are evenly distributed across the fabric.

IPC 8 full level
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Citation (examination)
• JP 2002186697 A 20020702 - SHIMAMURA TURF SEISAKUSHO KK
• Increasing demand for woven artificial grass answered by the SRX82 Van de Wiele weaving machine

Citation (opposition)
Opponent : STAUBLI BAYREUTH GMBH
• JP S5147165 A 19760422 - TOYO BOSEKI
• JP 2002186697 A 20020702 - SHIMAMURA TURF SEISAKUSHO KK
• WO 9823817 A1 19980604 - VRIES HUGO DE [NL]
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• "Increasing demand for woven artificial grass answered by the SRX82 Van Wiele weaving machine", INFORMATION FOR THE TEXTILE INDUSTRY, July 2005 (2005-07-01), XP055491344
• WILLIAM WATSON: "Advanced textile design", 1947, pages: 476 - 483, XP055491349

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